

Andrew Wang

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SUMMARY

Hello! I'm Andrew, and I'm seeking to develop further my programming, data science, and analytical skills. My technical background encompasses both the technical and human aspects of information. This enables me to effectively manipulate and understand information, from designing and deploying secure databases to forecasting and providing critical insights.

EDUCATION

University of South Florida (USF) | Tampa, FL June 2021 - May 2025

Bachelor of Science in Information Science (Data Science & Analytics) | GPA: 3.77

SKILLS

Programming | Python (Spyder) | R (RStudio) | Java (Apache NetBeans) | SQL (Microsoft Access) | HTML | CSS

Software | Tableau | ArcGIS | Canvas | Word | Excel | PowerPoint | Teams | Outlook | Gmail | GitHub | NLP | LLMs

EXPERIENCE

Property Management | Marger Properties | Saint Petersburg, FL July 2019 - December 2024

- Coordinated with tenants and contractors on property projects, monitored progress, and solved problems
- Decreased monthly expenses by nearly 10% by utilizing a property upkeep, repair, and replacement strategy

Office Complex Management | Palais Royale Offices | Saint Petersburg, FL June 2019 - December 2024

- Designed an effective operating framework, which increased overall yearly tenant satisfaction by 15%
- Developed a new data organization system, improving how we organize and label new and existing data

INVOLVEMENT

Student Support Services (SSS) | Tampa, FL June 2021 - May 2025

- Facilitated interactive events, workshops, and activities for low-income, first-generation students

Volunteer | St Vincent de Paul CARES Community Thrift Store | Saint Petersburg, FL January 2019 - December 2020

- Provided a local nonprofit organization committed to ending homelessness with assistance

PROJECTS

R (Programming Language) | DataMart | Airline Tweets

- Used exploratory alongside linear regression and random forest models to analyze Walmart purchasing behaviors
- Built word cloud and topic modeling analysis on tweet data, transforming insights into high-quality, intuitive visuals

SQL (Programming Language) | Database for a Doctor's Office | Database for School

- Determined the most frequent patients, services, and generated appointments for patients and schedules for doctors
- Queried credits obtained, average GPA by major, whether they were citizens, and what courses each student was taking

C++ (Programming Language) | Cash Register | Card Trick Game

- Implemented case-by-case based loops to track products and calculate purchases, creating a digital receipt
- Prompted interactive questions with inputs for a card game with arrays and loops, simulating a continuous experience

Java (Programming Language) | GUI Calculator | Storm Tracking Data

- Made a calculator application with an intuitive graphical user interface that emulates a real-world calculator program
- Performed data retrieval, filtering, and created an organized table to provide the user with relevant data on hurricanes